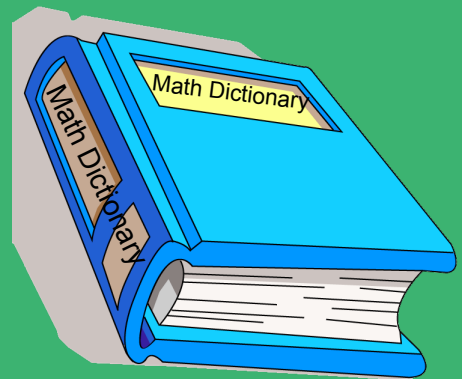


Translating Verbal Phrases & Evaluating Expressions

Vocabulary!

variable

expression



Translating Verbal Phrases!

Words that mean ADD:

plus total
sum
How many more
more than
increase

Words that mean SUBTRACT:

decrease take away
minus
difference less
less than ~~also~~

Words that mean MULTIPLY:

times
product
double

Words that mean DIVIDE:

quotient
groups of
split
half

Try writing it the quick, math way ...

1) the total of eighty-five and a number k

$$85 + k$$

~~$$12 \times d$$~~

2) the product of a number d and twelve

$$12 \cdot d$$

~~$$d \cdot 12$$~~ $\rightarrow 12d$

3) sixteen less than a number m

$$m - 16$$

4) the quotient of a number c and fifty-nine

$$c \div 59$$

$$c / 59$$



Homework

sixteen increased by the product
of nine and a number, w



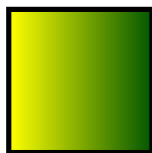
$$16 + 9w$$

$$16 + 9 \cdot 11$$

Now evaluate if $w = 11$

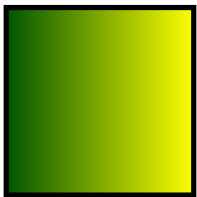
$$16 + 99$$

$$\underline{115}$$

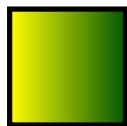


Hmm ... can I
do another problem?
Back to Bulletin
Board.

the product of a number, n , and
eight

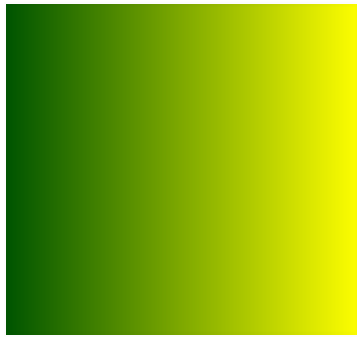


Now evaluate if $n = 12$

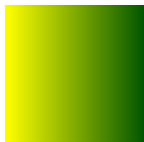


Man, I wish I could translate
more of these problems!
Back to the Bulletin Board!

the quotient of a number k
and twenty-seven



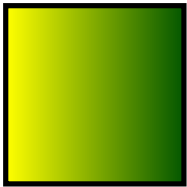
Now evaluate if $k = 81$



seven less than the product of
five and a number, r



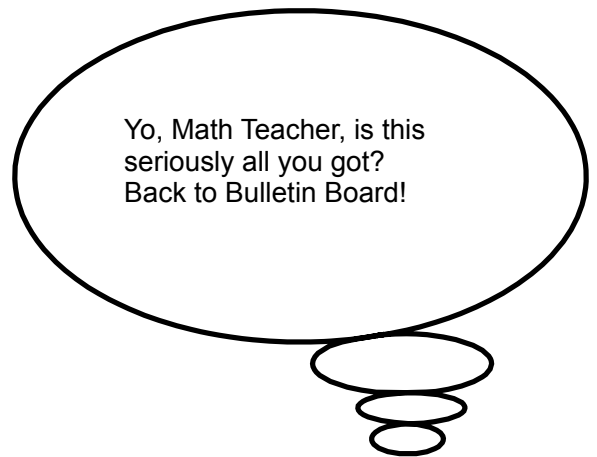
Now evaluate if $r = 30$



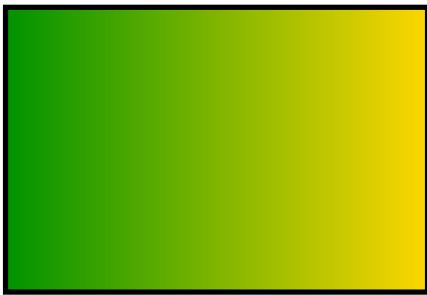
a number c increased by sixty



Now evaluate if $c = 27$



the dividend of forty-eight and the
sum of a number h and thirteen



Now evaluate if $h = 11$



I own this! Let's learn more!
Back to the Bulletin Board!

Homework:

#8 Page 48 #2 - 12 & #14 - 22 EVEN